



The Timken Company

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Part Number 6016-C3, Deep Groove Ball Bearings (6000, 6200, 6300, 6400)

Timken's deep groove ball bearings deliver reliable performance in a wide range of applications and conditions. With super-finished raceways and controlled geometries, our premium design helps ensure consistent quality.



[Specifications](#) | [Dimensions](#) | [Basic Load Ratings](#) | [Factors](#)

Specifications

| | |
|---------------------------|---------------|
| Clearance | C3 |
| Bore Size d | 80.000 mm |
| Features | Open |
| Bearing Type | Standard DGBB |
| Weight | 0.82 Kg |
| Manufacturing Part Number | 6016C3 |

Dimensions



Outside Diameter D

125.000 mm

| | |
|----------------------|-----------|
| Outside Ring Width B | 22.000 mm |
|----------------------|-----------|

| | |
|---------------|----------|
| Radius Rs min | 1.100 mm |
|---------------|----------|

Basic Load Ratings

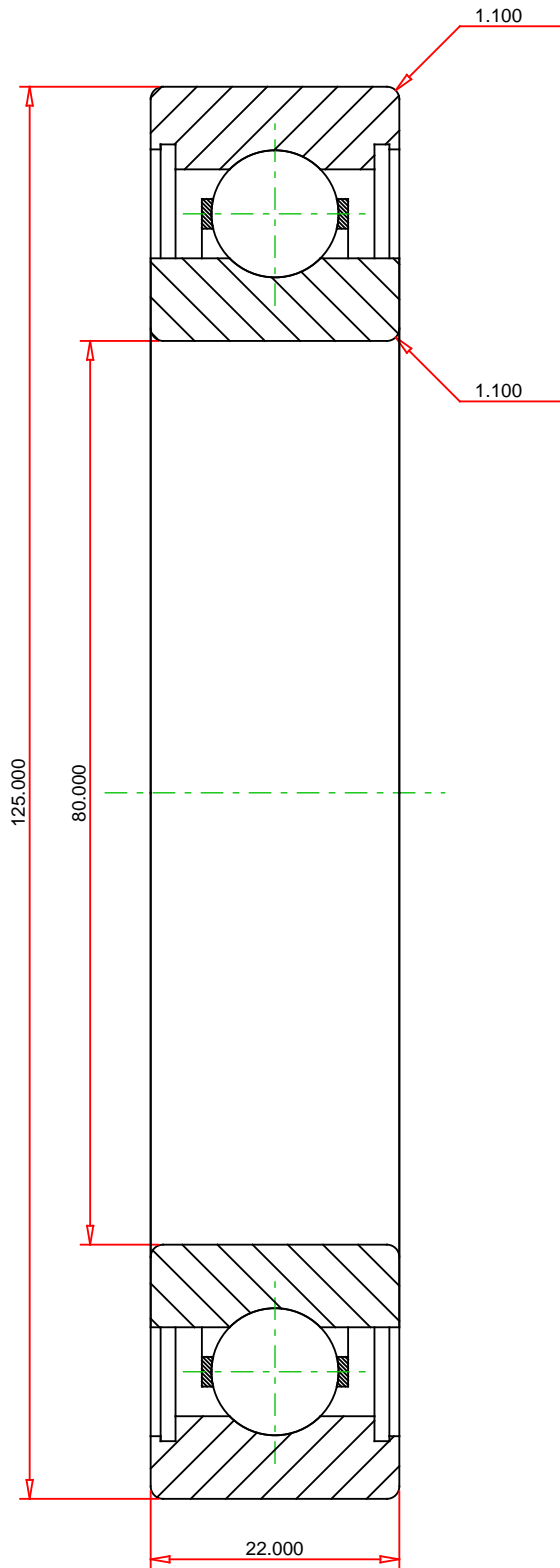
| | |
|--------------------------|---------|
| Cr - Dynamic Load Rating | 47.5 kN |
|--------------------------|---------|

| | |
|--------------------------|---------|
| C0r - Static Load Rating | 39.8 kN |
|--------------------------|---------|

Factors

| | |
|------------------------|----------|
| Grease Reference Speed | 5800 rpm |
|------------------------|----------|

| | |
|---------------------|----------|
| Oil Reference Speed | 8400 rpm |
|---------------------|----------|



METRIC UNITS

Weight 0.82 kg

TIMKEN®

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

6016-C3
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Dynamic Load Rating 47500 N
Static Load Rating 39700 N

Every reasonable effort has been made to ensure the accuracy of the information contained in this writing, but no liability is accepted for errors, omissions or for any other reason.

FOR DISCUSSION ONLY